PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

a collection of information values it posterior a serial DAY.

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO
INFORMATION DISCLOSURE

STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet 1 of 2

C mplete if Kn wn						
Application Number	10/020429					
iling Date	Herewith					
First Named Inventor	Robert P. Carlstedt					
Group Art Unit	3616					
Examiner Name						
Attorney Docket Number	60130-1066/01MRA0154					

	_			U.S. PATENT DOCI	JMENTS	
Examiner Initials	Cite No.1	U.S. Patent Document  Kind Code <sup>2</sup> Number  (if known)		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
DD		4 613 153		Shibahata, et al.	09-23-1986	
<b>D</b>		4 589 678		Lund	05-20-1986	
D		2 901 240		Fikse	08-25-1959	
DD		3 963 261		Hiruma	06-15-1976	
DO I		3 448 994		King, et al.	06-10-1969	
$\square$		4 281 850		Studer	08-04-1981	
<b>DD</b>		4 113 278		Rissberger	09-12-1978	
DD		4 664 408		Saotome, et al.	05-12-1987	
DD		4 623 164		Cassel, et al.	11-18-1986	
DD		4 614 358		Wymann	09-30-1986	
DD		6 022 034		Santo, et al.	02-08-2000	
$D\Omega$		6 161 843		Carleer	12-19-2000	
DQ		2 961 253		Allison	11-22-1960	
DD		2 417 019		Sherman	03-04-1947	<del>99-04-1947</del>
DD		3 269 747		Forge	08-30-1966	
$\mathcal{D}$		3 254 902		Vittone	06-07-1966	
$\mathcal{Q}\mathcal{Q}$		4 805 929		Shibata, et al.	02-21-1989	
DD		6 149 166		Struss, et al.	11-21-2000	·
DO		6 022 030		Fehring .	02-08-2000	
$\mathcal{D}(\mathcal{N})$		5 882 017		Carleer	03-16-1999	

				FOF	REIGN PATENT DOCUMEN	TS		
	Cite		Foreign Patent Do		Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	
Examiner Initials*	No.offic	e³	Number <sup>4</sup>	Kind Code <sup>s</sup> ( <i>if known</i> )	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T <sub>6</sub>
	1							$\prod$
								<u> </u>
								↓
								<u> </u>
								1

Examiner Signature Date Considered 5/30/03

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Please type a plus sign (+) inside this	is box
---	--------

8 30 7

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE ons are required to respond to a collection of information unless it contains a valid OMB control number. Under the Par

Substitu	te for form 1449A/PT	0		Complete if Kn wn			
				Application Number	10/020 429		
INF	ORMATION	DI	SCLOSURE	Filing Date	Herewith		
STA	TEMENT B	Y A	APPLICANT	First Named Inventor Robert P. Carlstedt			
				Group Art Unit	7/1/		
	(use as many she	ets a	s necessary)	Examiner Name	70 10		
Sheet	2	of	2	Attorney Docket Number	60130-1066/01MRA0154		

	U.S. PATENT DOCUMENTS								
Examiner Initials	Cite No.1	U.S. Patent Number	Document  Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
CET		5 186 486		Hynds, et al.	02-16-1993				
DD		5 161 822		Lund	11-10-1992				
QQ		4 796 911		Kuroki, et al.	01-10-1989				
201		5 687 960		Moon	11-18-1997				
M		5 217 245		Guy	06-08-1993				
M		5 505 480		Pascarella	04-09-1996				
<b>3</b> 3		5 447 325		DePue, et al.	09-05-1995				
$\overline{U}$		4 834 419		Kozaki, et al.	05-30-1989				
<i>O</i> 1)		5 178 406		Reynolds	01-12-1993				
$D \mathcal{U}$		4 648 620		Nuss	03-10-1987				
<i>DD</i>		4 206 935		Sheppard, et al.	06-10-1980				
			-		<del>                                     </del>				
			_		-				

	-				FORE	IGN PATENT DOCUMEN	TS		
Examiner Initials	Cite No.bff			Foreign Patent Do		Name of Patentee or	Date of Publication of	Pages, Columns, Lines, Where Relevant	
		ic	e <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)	Applicant of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	T <sup>6</sup>
			Т	<del></del> -					
			$\top$						
							<u> </u>		$\perp$
							]		

Date Examiner Considered Signature

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U. S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. 2 See attached Kinds of U.S. Patent Documents. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.